

AMENDMENTS TO THE CLAIMS

1. – 46. (Canceled)

47. (Currently Amended) An ~~interworking internetworking~~ function for connecting a TIA/EIA-136 network to a General Packet Radio Service (GPRS) network, said interworking function comprising:

a teleservice server for transferring packet data to and from a mobile station via an air interface of operating in said TIA/EIA-136 network;

a first communications interface for connecting said teleservice server to said TIA/EIA-136 network;

a second communications interface for connecting said teleservice server to said GPRS network; and

said ~~interworking internetworking~~ function enabling packet data traffic to be routed between said GPRS network and said mobile station operating via said air interface. ~~in said TIA/EIA-136 network.~~

48. (Previously Presented) The interworking function of claim 47 wherein said GPRS network comprises an Enhanced GPRS (EGPRS) network.

49. (Previously Presented) The interworking function of claim 47 wherein said first communications interface uses the General UDP Transport Service to transfer packet data to and from said mobile station.

50. (Previously Presented) The interworking function of claim 49 wherein said second interface uses the Base Station Subsystem GPRS Protocol to transfer packet data to and from said GPRS network.

51. (Currently Amended) A method of providing packet data services, comprising:
receiving mobile originated packets at a first communications interface of a teleservice server via a first communications interface from a mobile station via an air interface of a TIA/EIA-136 network;
forwarding said mobile originated packets via a second communications interface from said teleservice server to a General Packet Radio Service (GPRS) network;
receiving mobile terminated packets for said mobile station at said teleservice server via said second communications interface from said GPRS network;
forwarding said mobile terminated packets via said first communications interface from said teleservice server to said mobile station.

52. (Previously Presented) The method of claim 51 wherein said GPRS network comprises an Enhanced GPRS (EGPRS) network.

53. (Previously Presented) The method of claim 51 wherein said first communications interface uses the General UDP Transport Service to transfer packet data to and from said mobile station.

54. (Previously Presented) The method of claim 53 wherein said second interface uses the Base Station Subsystem GPRS Protocol (BSSGP) to transfer packet data to and from said GPRS network.